



MIRKA · MIRKA.COM · COMPOUNDS

POLARSHINE 45 HEAVY CUT COMPOUND

POLARSHINE® 45 · HEAVY CUT COMPOUND

SKU

PC45-025L

250 ML.

1 L.

2.8 L.

17 L.

PC45-1L

PC45-2.8L

PC45-17L

Coarse, fast-cutting compound for hard surfaces / gelcoat; removes P600+ scratches (mfr TDS).

PERFORMANCE

TYPE	Polishing compound (mfr)
CUT	Coarse / fast cutting (mfr)
SCRATCH REMOVAL	P600 and finer (mfr)
DENSITY	1.23 g/ml (mfr product page)
PH	2.5–4.5 (mfr product page)
VOC	16.8 % (mfr product page)
COLOR	White (mfr)
BASE	Water-based, silicone-free (mfr TDS)

APPLICATION & PHYSICAL

MDSC SKU	PC45-025L
MACHINE	Rotary polisher 1000–1500 rpm (mfr TDS)
PADS	Twisted wool / lambswool (mfr TDS)
SURFACES	Gelcoat, high-gloss lacquers, vinyl ester/epoxy, polyester paints (mfr TDS)
PACK (MDSC)	250 ml., 1 L., 2.8 L., 17 L.

OVERVIEW

Polarshine® 45 is a coarse marine-oriented compound that removes P600 sanding scratches and heavy oxidation, leaving deep gloss. Ideal one-step on light gelcoat; follow with Polarshine® 10 on dark colors to remove swirls (mfr).

DIRECTIONS

- 1 Shake or stir before use (mfr TDS).
- 2 Use a small amount on a focused ~40×40 cm area (mfr TDS).
- 3 Polish with rotary 1000–1500 rpm on wool until scratches are gone (mfr TDS).
- 4 Wipe with microfiber; keep pad clean to avoid swirls (mfr TDS).
- 5 On dark colors, follow with Polarshine® 10 (mfr).

SAFETY SNAPSHOT

IRRITANT POTENTIAL — SEE SDS; EYE/SKIN PPE

See manufacturer SDS — Polarshine® 45.

DENSITY	1.23 g/ml
PH	2.5–4.5
VOC	16.8%
COLOR	White

Manufacturer SDS — Mirka Polarshine 45 Heavy Cut Compound →

SOURCES

1. Manufacturer tech data / product information — https://cdn.brandfolder.io/FSMPOV8D/at/j5kvwgqnpj397s4jrc778qc/TDS_Polarshine_45.pdf
2. Manufacturer source — <https://www.mirka.com/en/p/POLARSHINE-45/>
3. Manufacturer SDS — https://cdn.brandfolder.io/FSMPOV8D/at/hjt9mh9hthxgqbh2gfznh5n/Polarshine_45_Polishing_Compound_EN_GB.pdf
4. MDSC catalog for name / SKU / image / pack sizes only — <https://marinedetailsupply.com/products/mirka-polarshine-45-heavy-cut-compound>
5. Mapping note — Polarshine 45 TDS + SDS from mirka.com brandfolder; density/pH/VOC from product page.
6. Omissions — Viscosity numeric from TDS PDF image/table not fully OCR'd — left blank.
7. Document type — TDS